

PLUS Search Results for S/N 10551802, Searched Thu May 31 07:34:10 EDT 2007  
The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

|                |                |
|----------------|----------------|
| 6269018 99     | 20060062067 99 |
| 6657270 99     |                |
| 6664579 99     |                |
| 6737691 99     |                |
| 6768670 99     |                |
| 6777731 99     |                |
| 6845038 99     |                |
| 6903400 99     |                |
| 6979586 99     |                |
| 6980464 99     |                |
| 7045368 99     |                |
| 7067330 99     |                |
| 7068536 99     |                |
| 7072208 99     |                |
| 7083990 99     |                |
| 7091539 99     |                |
| 7095648 99     |                |
| 7099186 99     |                |
| 7102919 99     |                |
| 7122386 99     |                |
| 7129098 99     |                |
| 7132707 99     |                |
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| 7180113 99     |                |
| 7206220 99     |                |
| 20020146887 99 |                |
| 20020175357 99 |                |
| 20020175386 99 |                |
| 20030117836 99 |                |
| 20030214862 99 |                |
| 20040075125 99 |                |
| 20040217400 99 |                |
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| 20040257865 99 |                |
| 20050002229 99 |                |
| 20050087786 99 |                |
| 20050260773 99 |                |
| 20050276099 99 |                |
| 20050280960 99 |                |
| 20060014306 99 |                |
| 20060014346 99 |                |
| 20060023489 99 |                |
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| 20060023491 99 |                |
| 20060023492 99 |                |
| 20060028862 99 |                |
| 20060043443 99 |                |
| 20060044702 99 |                |
| 20060056223 99 |                |

## EAST Search History

| Ref # | Hits    | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--|------------------|---------|------------------|
| L2    | 6       | (JP-2003078147-\$ JP-2001250998-\$ JP-11238924-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/05/31 16:41 |
| L4    | 285749  | source drain gate                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND              | ON      | 2007/05/31 16:39 |
| L5    | 2       | 2 L4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND              | ON      | 2007/05/31 16:40 |
| L6    | 3       | "6069820".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/05/31 16:45 |
| L7    | 162488  | side with gate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/05/31 16:45 |
| L8    | 2055383 | magnet\$3 or ferromagnet\$3 or ferro?magnet\$3          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/05/31 16:46 |
| L9    | 14337   | 7 L8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND              | ON      | 2007/05/31 16:46 |
| L10   | 3807    | vertical adj transistor                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/05/31 16:46 |

## EAST Search History

|     |       |                        |  |     |    |                  |
|-----|-------|------------------------|--|-----|----|------------------|
| L11 | 64    | 9 10                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 16:53 |
| L12 | 24237 | concave same substrate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:30 |
| L13 | 1     | 11 12                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:26 |
| L14 | 2701  | 12 4                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:26 |
| L15 | 226   | 12 4 8                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:29 |
| L16 | 16580 | concave with substrate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:30 |
| L17 | 327   | concave adj substrate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:30 |
| L18 | 134   | 15 16                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 18:30 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| L19 | 5    | 15 17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | AND | ON | 2007/05/31 18:34 |
| L20 | 34   | 10 12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | AND | ON | 2007/05/31 18:34 |
| L22 | 13   | 10 16  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | AND | ON | 2007/05/31 18:35 |
| S1  | 2    | "US 20060118839"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                                    | AND | ON | 2007/05/30 20:29 |
| S2  | 1068 | ((MASAAKI) near2 (TANAKA)).INV.<br>((SATOSHI) near2 (SUGAHARA)).INV. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR  | ON | 2007/05/30 15:48 |
| S3  | 2290 | (257/15 438/800 438/312 "257/197").<br>CCLS.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT<br>; IBM_TDB | OR  | ON | 2007/05/30 15:48 |
| S4  | 6    | (JP-2003078147-\$ JP-2001250998-\$<br>JP-11238924-\$).did.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | OR  | ON | 2007/05/30 16:45 |
| S5  | 10   | MATSUKURA.inv. (ferromagnetic adj<br>semiconductor)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB          | AND | ON | 2007/05/30 16:48 |

## EAST Search History

|     |         |   |  |     |    |                  |
|-----|---------|---|--|-----|----|------------------|
| S6  | 217201  | tunnel\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:48 |
| S7  | 3       | S5 S6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:53 |
| S8  | 5       | (S4 or S7 or S5) S6                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:58 |
| S9  | 285462  | source drain gate                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 16:39 |
| S10 | 2       | (S4 or S7 or S5) S6 S9                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:57 |
| S11 | 8730    | misfet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:57 |
| S12 | 2054098 | magnet\$3 or ferromagnet\$3 or<br>ferro?magnet\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | ON | 2007/05/30 16:58 |
| S13 | 377     | S11 S12   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:58 |

## EAST Search History

|     |       |   |  |     |    |                  |
|-----|-------|---|--|-----|----|------------------|
| S14 | 0     | (S4 or S7 or S5) S13  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 16:58 |
| S15 | 84    | S9 S6 S11 S12   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:03 |
| S16 | 60990 | semiconductor with S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:20 |
| S17 | 23    | S15 S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:19 |
| S18 | 8     | (US-20010031547-\$).did. or<br>(US-6169688-\$).did. or (JP-2003078147-\$<br>or JP-2001250998-\$ or JP-11238924-\$).<br>did. or (JP-2003078147-\$ or<br>JP-2001250998-\$ or JP-11238924-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT                             | AND | ON | 2007/05/30 17:03 |
| S19 | 1     | S18 S9 S6 S11 S12 S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:04 |
| S20 | 92    | S11 S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:20 |
| S21 | 3071  | semiconductor adj S12   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:20 |
| S22 | 1628  | S12 adj semiconductor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:20 |

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|     |      |  |  |     |    |                  |
|-----|------|--|--|-----|----|------------------|
| S23 | 7    | S11 S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:21 |
| S24 | 9    | S11 S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:21 |
| S25 | 14   | S23 or S24   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:23 |
| S26 | 4486 | S21 or S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:23 |
| S27 | 126  | S26 S9 S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:39 |
| S28 | 175  | (ga adj mn adj as) or (ga,mn adj as) or (in<br>adj mn adj as) or (in,mn adj as) or immnas<br>or gamnas | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:30 |
| S29 | 25   | S26 S9 S6 S28  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:38 |
| S31 | 20   | (spin adj fet) or spinfet or spin?fet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:56 |

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|     |         |   |  |     |    |                  |
|-----|---------|---|--|-----|----|------------------|
| S32 | 16      | S26 S31   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 17:39 |
| S33 | 2054098 | magnet\$3 or ferromagnet\$3 or<br>ferro?magnet\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | ON | 2007/05/30 19:54 |
| S34 | 3071    | semiconductor adj S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:54 |
| S35 | 1628    | S33 adj semiconductor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:54 |
| S36 | 4486    | S34 or S35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:54 |
| S37 | 20      | (spin adj fet) or spinfet or spin?fet   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:54 |
| S38 | 16      | S36 S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 19:54 |
| S39 | 9       | (US-20010031547-\$ or<br>US-20040041217-\$).did. or<br>(US-6169688-\$).did. or (JP-2003078147-\$<br>or JP-11238924-\$ or JP-2001250998-\$).<br>did. or (JP-11238924-\$ or<br>JP-2001250998-\$ or JP-2003078147-\$).<br>did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT                             | AND | ON | 2007/05/30 19:54 |



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|     |       |  |  |      |    |                  |
|-----|-------|--|--|------|----|------------------|
| S40 | 4889  | line adj "gate electrode"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:55 |
| S41 | 16579 | line source ground drain gate                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | SAME | ON | 2007/05/30 19:55 |
| S42 | 422   | S40 S41                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:56 |
| S43 | 8730  | misfet                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:57 |
| S44 | 8749  | (spin adj fet) or spinfet or spin?fet or S43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:56 |
| S45 | 150   | S40 S44                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:57 |
| S46 | 271   | S41 S44                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:57 |
| S47 | 30    | S40 S44 S41                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND  | ON | 2007/05/30 19:58 |

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|     |        |   |  |     |    |                  |
|-----|--------|---|--|-----|----|------------------|
| S48 | 9278   | "first line" "second line" "third line" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:00 |
| S49 | 6      | S47 S48                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:01 |
| S50 | 2638   | "word line" "ground line" "bit line"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:01 |
| S51 | 2      | S47 S50                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:02 |
| S52 | 36     | S41 S44 S50                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:29 |
| S53 | 261837 | yoke                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:30 |
| S54 | 3      | S53 S41 S44                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:30 |
| S55 | 3      | S53 S44                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:30 |

## EAST Search History

|     |         |  |  |     |    |                  |
|-----|---------|--|--|-----|----|------------------|
| S56 | 45      | S53 S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:39 |
| S57 | 0       | "5659499".pn. yoke   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:39 |
| S58 | 2       | "5659499".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/30 20:39 |
| S59 | 2055383 | magnet\$3 or ferromagnet\$3 or ferro?magnet\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR  | ON | 2007/05/31 10:48 |
| S60 | 619     | S59 (half adj metal\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 10:48 |
| S61 | 14297   | shared with source   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 11:22 |
| S62 | 13      | (US-20010031547-\$ or US-20040041217-\$ or US-20040141367-\$ or US-20020085437-\$).did. or (US-6169688-\$ or US-5457335-\$ or US-5659499-\$).did. or (JP-2001250998-\$ or JP-2003078147-\$ or JP-11238924-\$). did. or (JP-2001250998-\$ or JP-2003078147-\$ or JP-11238924-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT                             | AND | ON | 2007/05/31 11:22 |
| S63 | 0       | S61 S62  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 11:22 |

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|     |     |  |  |     |    |                  |
|-----|-----|--|--|-----|----|------------------|
| S64 | 4   | S60 S61  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 11:23 |
| S65 | 304 | NiMnSb or "Co.sub.2 MnGe" or comnge<br>or (Co adj "MnGe.") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 13:13 |
| S66 | 1   | S62 S65  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 11:24 |
| S67 | 2   | S60 S65 S61 S59  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | AND | ON | 2007/05/31 11:25 |